

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cobalt imprinted polymer composition useful for the selective removal of cobalt, having general formula (1)



wherein A is any vinyl monomer containing hydroxyl group, B is any vinyl monomer bearing acidic group, C is any vinyl monomer containing an amino group and D is a cross linker bearing vinyl group and x, y, z and f are the mole fractions of A, B, C and D respectively in the final polymer and vary such that  $0 < x, y, z < 1$  and f is greater than zero but less than 1 and  $x+y+z+f=1$ , and

wherein the imprint is cobalt.

2-13. Cancelled.